

## CLAIMS:

1. Variable focus lens package (1), comprising:
  - a body (10), which is provided with a through-hole (11) for providing a light path through the body (10), wherein at least a surface layer of the body (10) comprises an electrically conducting material and which body is provided with covers (30, 70) for closing 5 off the through-hole (10), which are optically transparent in the light path;
  - an electrically insulating fluid (87) and an electrically conducting fluid (86), which are contained by a fluid chamber (85) enclosed by the covers (30, 70) and an inner surface (15) of the through-hole (11) of the body (10), which are non-miscible, and which are in contact over a meniscus (88), wherein a shape of the meniscus (88) is variable under the 10 application of a voltage between the electrically conducting surface of the body (10) and the electrically conducting fluid (86);
    - an electrically insulating member covering at least the portion of the surface of the body (10) contacting the electrically conducting fluid (86);
    - sealing means (50, 60) for sealing the fluid chamber (85); and
  - 15 at least one expansion member (60, 65) which is at least partially flexible and which is part of a circumscription of the fluid chamber (85), wherein said expansion member (60, 65) is capable of compensating for variations of the volume of the fluids (86, 87) by keeping a pressure prevailing inside the fluid chamber (85) at a substantially fixed level, and wherein said expansion member (60, 65) comprises at least a portion of the sealing means 20 (60).
2. Variable focus lens package (1) according to claim 1, wherein the expansion member (60, 65) further comprises a resilient member (65) for biasing the portion of the sealing means (60) which is part of the expansion member (60, 65) against the fluids (86, 87) 25 inside the fluid chamber (85).
3. Variable focus lens package (1) according to claim 1 or 2, wherein at least a portion of the expansion member (60, 65) is slidably arranged with respect to a portion (18) of the surface of the body (10).

4. Variable focus lens package (1) according to any of claims 1-3, wherein at least a portion of the expansion member (60, 65) is slidably arranged with respect to a portion of a surface (36, 76) of one of the covers (30, 70).

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5. Variable focus lens package (1) according to any of claims 1-4, wherein the portion of the sealing means (60) which is part of the expansion member (60, 65) comprises a sealing ring (60).

10 6. Variable focus lens package (1) according to claim 5, wherein the expansion member (60, 65) further comprises a resilient ring (65) surrounding the sealing ring (60).

7. Camera comprising a camera module (90) and a variable focus lens package (1) according to any of claims 1-6.

15 8. Hand-held apparatus comprising a camera according to claim 7, and further comprising input means, information processing means and display means.